GOVERNMENT OF INDIA
SPACE
LOK SABHA

UNSTARRED QUESTION NO:5206
ANSWERED ON:05.04.2017
Satellite for Disaster Management
Senthilnathan Shri PR.

Will the Minister of SPACE be pleased to state:

(a) whether the Government has any plans to increase the funds allocated for Indian Space Research Organisation (ISRO) to develop satellites to help in Disaster Management support during floods, cyclones, earthquakes, natural calamities and also for fishing and shipping sector;
(b) if so, the details thereof;
(c) the funds allocated during the last three years, year-wise; and
(d) the steps taken by the Government to launch more satellites to provide exclusive support to defence and police related works?

Answer

THE MINISTER OF STATE IN THE MINISTRY OF PERSONNEL, PG & PENSIONS AND IN THE PRIME MINISTER'S OFFICE (DR. JITENDRA SINGH):

(a) & (b)
At present, India has 13 earth observation, 3 meteorological, 13 communication and 7 navigational satellites in operation. The data from earth observation and meteorological satellites in conjunction with ground based information, and services derived from communication & navigation satellites are being used towards Disaster Management Support. The data obtained from meteorological satellites is used for cyclone track, intensity & landfall predictions and forecasting of extreme weather events. The data from earth observation satellites is used for monitoring disaster events and assessing the damages. The communication satellites help to establish emergency communication in remote and inaccessible areas and navigation satellites are used for providing location based services. The fishing sector is being supported through advisories on Potential Fishing Zones and the ocean state forecast generated using satellite data helps the shipping sector.
ISRO has planned future satellite missions in earth observation, communication and navigation to ensure continuity of data and services for operational applications as well as to address emerging needs of disaster management.

(c) The funds allocated towards satellite missions during the last three years, year-wise are as under:

Year	Allocation (RE) (Rs. in Crores)
2014-2015	614.71
2015-2016	720.53
2016-2017	657.24

(d) The capabilities of earth observation, meteorological, communication and navigational satellites are used to harness the benefits of space technology for developmental activities in various sectors, including strategic sector. Currently, ISRO is working towards the development of 23 satellites, approved by the government.

*****